

User ID: HDY

RAW DATA REPORT

Report Request ID: 1696375

Report Code: AMP350

Nov. 15, 2018

GEOGRAPHIC SELECTIONS

Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region
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02 090

PROTOCOL SELECTIONS

Parameter Classification	Parameter	Method	Duration
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CRITERIA 88101

AGENCY SELECTIONS

Alaska Department Of Environmental
Conservation

SELECTED OPTIONS

Option Type	Option Value
RAW DATA EVENTS	INCLUDE EVENTS
DAILY STATISTICS	MAXIMUM
AGENCY ROLE	PQAO
UNITS	STANDARD
INCLUDE NULLS	YES
MERGE PDF FILES	YES

SORT ORDER

Order	Column
1	STATE_CODE
2	COUNTY_CODE
3	SITE_ID
4	PARAMETER_CODE
5	POC

DATE CRITERIA

Start Date	End Date
2015 01 01	2015 12 31

APPLICABLE STANDARDS

Standard Description
PM25 24-hour 2012

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
RAW DATA REPORT

Nov. 15, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 02-090-0010 POC: 1
COUNTY: (090) Fairbanks North Star
CITY: (24230) Fairbanks

SITE ADDRESS: 675 7TH AVENUE, FAIRBANKS

SITE COMMENTS: SLAMS TSP & SPM PB SITE LOCATED ON STATE OFFICE BLDG ROOF. SITE WAS MOVED 200 YRDS

MONITOR COMMENTS:

STATE: (02) Alaska
AQCR: (009) NORTHERN ALASKA
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: COMMERCIAL
LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:
LATITUDE: 64.8406720246
LONGITUDE: -147.72246133
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 132
PROBE HEIGHT: 6

SUPPORT AGENCY: (0015) Alaska Department Of Environmental Conservation

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (143) R & P Model 2000 PM-2.5 Air Sample

PQAO: (0015) Alaska Department Of Environmental Conservation

REPORT FOR: 2015

DURATION: 24 HOUR

UNITS: Micrograms/cubic meter (LC)

MIN DETECTABLE: 2

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			8.0					10.3				
2		AN				1.2	P 44.3 RT				4.0	19.0
3	22.2 1			3.8	4.0				3.6	5.7		
4			9.9					5.3				
5		AG				2.3	14.0 rt				5.4 1	26.7
6	P 40.3			5.4	5.2				3.7 2	9.5		
7			2.5					BJ				
8		AG				1.9	P 57.1 RT				4.6	22.0
9	23.5			1.9	3.6				4.6	3.1		
10			15.2					1.6				
11		17.2				1.5	.7				18.4	28.2
12	1.7			2.0	3.4				2.5 2	5.6 2		
13			14.7					2.6				
14		35.3				4.6	14.3 rt				16.8	35.3
15	14.5			4.1	8.0				1.9	14.3		
16			11.9					2.7				
17		22.3				3.0	1.6				4.2	17.3
18	29.7			3.0	AF				1.7 2	3.5		
19			8.5					.8 1				
20						8.8	4.6 2				.3	22.0
21	AG			BJ	5.0 2				BJ	7.8		
22			BJ					.6 1				
23						P 68.3 RT	3.5				8.8	11.6
24	AG			5.4	1.9 2				AN	17.8		
25			BJ					1.3				
26		14.0 1				P 105.0 RT	14.6 rt				3.2	16.5
27	AG			4.4	BJ				2.5	14.5		
28			6.9					1.2				
29						9.6	14.6 rt				29.0	19.0
30	AG			2.3	3.2				2.5	3.1		
31			6.8					4.7				
NO.:	6	4	9	9	8	10	10	10	8	10	10	10
MAX:	40.3	35.3	15.2	5.4	8.0	105.0	57.1	10.3	4.6	17.8	29.0	35.3
MEAN:	21.98	22.20	9.38	3.59	4.29	20.62	16.93	3.11	2.88	8.49	9.47	21.76

5 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.5

5 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.5

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (***) indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
RAW DATA REPORT

Nov. 15, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 02-090-0034 POC: 1
COUNTY: (090) Fairbanks North Star
CITY: (24230) Fairbanks

SITE ADDRESS: 809 Pioneer Road

SITE COMMENTS: BEFORE THE FORMAL NCORE SITE WAS ESTABLISHED IN 2011, AN FRM PM2.5 PARTISOL SAMPLE

MONITOR COMMENTS:

STATE: (02) Alaska

AQCR: (009) NORTHERN ALASKA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

LAND USE: COMMERCIAL

LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:

LATITUDE: 64.84569

LONGITUDE: -147.727413

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 132

PROBE HEIGHT:

SUPPORT AGENCY: (0015) Alaska Department Of Environmental Conservation

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (143) R & P Model 2000 PM-2.5 Air Sample

PQAO: (0015) Alaska Department Of Environmental Conservation

REPORT FOR: 2015

DURATION: 24 HOUR

UNITS: Micrograms/cubic meter (LC)

MIN DETECTABLE: 2

Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			8.9					10.1				
2		22.9				1.4	P 45.2 RT				4.9	8.7
3	21.9 1			3.2	5.0				BE	6.2		
4			9.8									
5		P 47.6				2.0 1	13.8 rt				6.7 1	26.4
6	P 36.7			5.0	6.1				7.4 2	7.2		
7			2.8					9.3				
8		AG				1.3	P 60.0 RT				4.3	18.7
9	22.2			1.7	3.2 X				8.2	3.8		
10			13.3					2.1				
11		17.5				1.6	5.0				16.4	29.1
12	16.8			2.2	4.3 X				4.0 2	6.5 2		
13			16.9					2.3				
14		31.2				4.8	14.7 rt				13.9	BJ
15	16.1			3.9	11.3 X				4.1	13.4		
16			13.9					AN				
17		21.0				3.8	1.3				4.7	19.9
18	31.0			3.2					6.5 2	5.1		
19			9.1					1.0 1				
20						8.0	4.2 2				11.7	23.2
21	19.0			3.4 1					2.3			
22			10.3					1.5 1				
23						P 68.8 RT	3.7 1				12.5	11.0
24	AM			5.1	3.8				5.2	15.0		
25			7.6					2.1				
26		14.1 1				P 102.4 RT	15.2 rt				4.3	15.0
27	AM			4.7	5.7				2.5	13.6		
28			6.6									
29						9.7	15.0 rt				27.7	19.5
30	P 45.1			3.6	3.8				2.6	3.5		
31			6.3					1.2				
NO.:	8	6	11	10	8	10	10	8	9	9	10	9
MAX:	45.1	47.6	16.9	5.1	11.3	102.4	60.0	10.1	8.2	15.0	27.7	29.1
MEAN:	26.10	25.72	9.59	3.60	5.40	20.38	17.81	3.70	4.76	8.26	10.71	19.06

7 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.5

7 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.5

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (**) indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
RAW DATA REPORT

Nov. 15, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 02-090-0034 POC: 2
COUNTY: (090) Fairbanks North Star
CITY: (24230) Fairbanks

SITE ADDRESS: 809 Pioneer Road

SITE COMMENTS: BEFORE THE FORMAL NCORE SITE WAS ESTABLISHED IN 2011, AN FRM PM2.5 PARTISOL SAMPLE

MONITOR COMMENTS: COLLOCATE MOVED TO NPFS AS OF 1/12017

STATE: (02) Alaska

AQCR: (009) NORTHERN ALASKA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

LAND USE: COMMERCIAL

LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:

LATITUDE: 64.84569

LONGITUDE: -147.727413

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 132

PROBE HEIGHT:

SUPPORT AGENCY: (0015) Alaska Department Of Environmental Conservation

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (143) R & P Model 2000 PM-2.5 Air Sample

PQAO: (0015) Alaska Department Of Environmental Conservation

REPORT FOR: 2015

DURATION: 24 HOUR

UNITS: Micrograms/cubic meter (LC)

MIN DETECTABLE: 2

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			8.9									
2												
3									4.4		5.8	9.1
4								5.5				
5		P 47.1				7.9 1	13.5 rt					
6	P 36.1			6.2	7.0							
7			2.4									
8											4.6	19.3
9									4.7	6.8		
10								2.5				
11		17.6				2.5	5.3					
12	18.0			3.4	4.3							
13			16.8									
14											15.6	34.9
15									2.5	11.9		
16								2.4				
17		20.4				9.5	1.6					
18	31.0			3.2								
19			9.2									
20											6.3	23.3
21									1.5	7.3		
22								2.3 1				
23						P 76.9 RT	3.4 1					
24	5.6			5.2	10.0 1							
25												
26											4.3	14.9
27									2.5	15.0		
28								1.6				
29						9.5	14.5 rt					
30	P 45.3			7.0	8.4							
31			6.5									
NO.:	5	3	5	5	4	5	5	5	5	4	5	5
MAX:	45.3	47.1	16.8	7.0	10.0	76.9	14.5	5.5	4.7	15.0	15.6	34.9
MEAN:	27.20	28.37	8.76	5.00	7.43	21.26	7.66	2.86	3.12	10.25	7.32	20.30

4 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.5

4 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.5

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
RAW DATA REPORT

Nov. 15, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 02-090-0035 POC: 1
COUNTY: (090) Fairbanks North Star
CITY: (00000) Not in a city
SITE ADDRESS: 3288 Hurst Road, North Pole, Alaska 99705
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (02) Alaska
AQCR: (009) NORTHERN ALASKA
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER:
LATITUDE: 64.762973
LONGITUDE: -147.310297
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 145
PROBE HEIGHT: 4

SUPPORT AGENCY: (0015) Alaska Department Of Environmental Conservation
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (143) R & P Model 2000 PM-2.5 Air Sample
PQAO: (0015) Alaska Department Of Environmental Conservation

REPORT FOR: 2015

DURATION: 24 HOUR
UNITS: Micrograms/cubic meter (LC)
MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			6.4					7.6				
2		P 68.5				6.4	P 45.4 RT				9.4	10.9
3	P 78.1 1			2.8	10.1				3.7	6.9		
4			12.0					5.6				
5		P 111.6 1				4.9 1	15.4 rt				11.0 1	P 78.4
6	P 119.2 Y			1.9	17.6 rt				5.5	21.4		
7			2.0					11.5				
8		18.9				3.9	P 54.5 RT				5.0	26.0
9	23.0			3.5	6.5				6.7	BJ		
10			26.8					1.7				
11		30.5				2.9	5.7				P 37.1	P 55.0
12	11.0			2.5	6.3				2.2 2	BJ		
13			21.5					2.5				
14		P 64.8				7.5	14.9 rt				14.3	P 81.8
15	25.0			BJ	16.1 rt				1.2	21.3		
16			3.4					3.6				
17		30.4				6.2	1.0				15.0	P 44.0
18	P 145.1 Y			3.2	AF				1.6 2	4.5		
19			19.9					.5 1				
20						15.3 rt	22.1 rt				35.4	P 62.2 Y
21	23.1			2.1 1	10.2 2				1.7	4.4		
22			13.8					1.8 1				
23		BJ				P 83.2 RT	AN				8.0	16.4
24	2.7			3.7	3.5 2				5.0	6.4		
25								1.9				
26		29.0 1	14.5			P 95.0 RT	9.6 1				4.1	P 50.2
27	P 86.1 1			2.5	BJ				2.3	15.5		
28			13.2					1.6				
29						8.6	11.7 1				P 58.7	P 47.7
30	P 54.8 1			1.8	8.4				2.0	2.6 4		
31			6.2					1.2				
NO.:	10	7	11	9	8	10	9	11	10	8	10	10
MAX:	145.1	111.6	26.8	3.7	17.6	95.0	54.5	11.5	6.7	21.4	58.7	81.8
MEAN:	56.81	50.53	12.70	2.67	9.84	23.39	20.03	3.59	3.19	10.38	19.80	47.26

21 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.5

21 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.5

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (***) indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
RAW DATA REPORT

Nov. 15, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 02-090-0039 POC: 1
COUNTY: (090) Fairbanks North Star
CITY: (55910) North Pole
SITE ADDRESS: North Pole Water/2696 Mockler Ave, North Pole AK 99507
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (02) Alaska
AQCR: (009) NORTHERN ALASKA
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER:
LATITUDE: 64.7592888807
LONGITUDE: -147.37227778
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 555
PROBE HEIGHT:

SUPPORT AGENCY: (0015) Alaska Department Of Environmental Conservation
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (143) R & P Model 2000 PM-2.5 Air Sample
PQAO: (0015) Alaska Department Of Environmental Conservation

REPORT FOR: 2015

DURATION: 24 HOUR
UNITS: Micrograms/cubic meter (LC)
MIN DETECTABLE: 2

	MONTH											
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			5.3									
2		P 52.0										
3	AN											
4			BJ									
5		P 53.4										
6	AN											
7			3.0									
8		AF										
9	AN											
10			AN									
11		AF										
12	25.4											
13			BJ									
14		P 51.4										
15	26.8											
16			4.3									
17		24.7										
18	P 52.3											
19			6.3									
20		BJ										
21	17.6											
22			13.0									
23		BJ										
24												
25												
26												
27												
28			6.5									
29												
30												
31			4.3									
NO.:	4	4	7	0	0	0	0	0	0	0	0	0
MAX:	52.3	53.4	13.0									
MEAN:	30.53	45.38	6.10									

4 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.5

4 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.5

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

QUALIFIER CODES:

Qualifier Code	Qualifier Description	Qualifier Type
1	Deviation from a CFR/Critical Criteria Requirement.	QA
2	Operational Deviation.	QA
4	Lab Issue.	QA
AF	Scheduled but not Collected.	NULL
AG	Sample Time out of Limits.	NULL
AM	Miscellaneous Void.	NULL
AN	Machine Malfunction.	NULL
BE	Building/Site Repair.	NULL
BJ	Operator Error.	NULL
RT	Wildfire-U. S.	REQEXC
X	Filter Temperature Difference or Average out of Spec.	QA
Y	Elapsed Sample Time out of Spec.	QA
rt	Wildfire-U. S.	REQEXC

Note: Qualifier codes with regional concurrence are shown in upper case,
 and those without regional concurrence are shown in lower case.